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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/552,138

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Nicolas Prigent

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EXAMINER

RUBIN, BLAKE J

ART UNIT

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/552,138	Applicant(s) PRIGENT ET AL.	
	Examiner KAVEH ABRISHAMKAR	Art Unit 2131	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06 October 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-9 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>10/06/2005</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is in response to the communication filed on October 6, 2005. Claims 1-9 were originally received for consideration. A preliminary amendment for the claims was received and entered.
2. Claims 1-9 are currently being considered.

Information Disclosure Statement

2. An initialed and signed copy of the Applicant's IDS form 1449, received on 10/06/2005, is attached to this Office Action.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-7 are rejected under 35 U.S.C. 102(b) as being anticipated by Gerhmann (EP 1102430 A1).

Regarding claim 1, Gerhmann discloses:

A device adapted to belong to a community of networked devices, said device comprising:

a provable identity and/or means for generating and/or obtaining a provable identity (paragraph 29);

means adapted to store information about devices of the community having trust relationships with said device (paragraph 30);

means adapted to store information about devices not trusted by said device (paragraph 35); and

means for trust relationships synchronization (paragraph 30, and 33-37).

Claim 2 is rejected as applied above in rejecting claim 1. Furthermore, Gerhmann discloses:

The device according to claim 1, wherein said means for storing information about devices not trusted by said device stores information comprising information about devices of the community having had trust relationships with said device in the past but not having anymore (paragraph 30).

Claim 3 is rejected as applied above in rejecting claim 1. Furthermore, Gerhmann discloses:

The device according to claim 1 wherein the information about devices comprises the provable identity of said devices (paragraph 29).

Claim 4 is rejected as applied above in rejecting claim 1. Furthermore, Gerhmann discloses:

The device according to claim 1, wherein said device is furthermore designed to store information comprising proofs received from other devices of the community that said device is trusted by other devices (paragraph 29).

Claim 5 is rejected as applied above in rejecting claim 1. Furthermore, Gerhmann discloses:

The device according to claim 1, wherein said means for trust relationship synchronization comprise means to exchange information with other devices of the community about devices trusted and/or not trusted by other devices in the community (See Abstract, paragraph 29).

Claim 6 is rejected as applied above in rejecting claim 1. Furthermore, Gerhmann discloses:

The device according to claim 1, wherein said devices comprises:

a first object capable of containing identities of devices trusted (paragraph 0013: *holding trust relations*)

a second object capable of containing identities of devices trusted by said device (paragraph 0013: *holding trust relations*); and

a third object capable of containing identities of devices distrusted by said device (paragraph 0035-0036: *distrust list*).

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Claim 7 is rejected as applied above in rejecting claim 6. Furthermore, Gerhmann discloses:

The device according to claim 6, wherein said device is able to modify the content of said first object and/or said second object and/or said third object as a function of information exchanged with other devices of the community (paragraph 0039: *change the node from untrusted to trusted*).

Claim 8 is rejected as applied above in rejecting claim 6. Furthermore, Gerhmann discloses:

The device according to claim 6, wherein said first object and/or said second object and/or said third object are furthermore able to contain cryptographic material (paragraph 0040: *wherein the nodes contain signed public keys*).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 9 is rejected under 35 U.S.C. 103(a) as being unpatentable over Gerhmann (EP 1102430 A1) in view of Fraser et al. (U.S. Patent Pub. No. US 2003/0131232 A1).

Claim 9 is rejected as applied above in rejecting claim 6. Gerhmann does not explicitly disclose that the first device is able to banish another device of said community if the identity of said device to be banished is contained in said first or second object of said first device. Fraser, in an analogous art, discloses that a registration agent of a community may remove a member from the community (Fraser: paragraph 0066). It would have been obvious to have the capability of removing a member of the community to provide a security mechanism for the community (Fraser: paragraph 0067).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KAVEH ABRISHAMKAR whose telephone number is (571)272-3786. The examiner can normally be reached on Monday thru Friday 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on 571-272-3795. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Kaveh Abrishamkar/
Examiner, Art Unit 2131

/K. A./
07/29/2008
Examiner, Art Unit 2131